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60,246-258/ 10781

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Tobias Sienel  
Serial No.: 10/725,732  
Filed: 12/02/2003  
Art Unit: 3753  
Title: **FREEZE PROTECTION FOR HEAT PUMP SYSTEM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

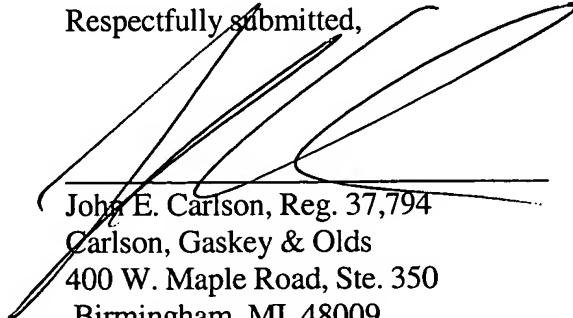
**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Multiple references are listed on an attached PTO-1449 Form.

Applicant believes that no additional fees are necessary, however, the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds for any additional fees or credit the account for any overpayment.


Respectfully submitted,

  
John E. Carlson, Reg. 37,794  
Carlson, Gaskey & Olds  
400 W. Maple Road, Ste. 350  
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(248) 988-8360

Dated: August 10, 2005

**CERTIFICATE OF MAIL**

I hereby certify that the enclosed Information Disclosure Statement, PTO Form-1449, and references are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10<sup>th</sup> day of August, 2005.

  
\_\_\_\_\_  
Lesley Upton

PTO/SB/08A (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
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| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |                        | <b>Complete if Known</b> |                  |
|  |                        | Application Number       | 10/725,732       |
|  |                        | Filing Date              | 12/02/2003       |
|  |                        | First Named Inventor     | Tobias Sienel    |
|  |                        | Art Unit                 | 3753             |
|  |                        | Examiner Name            | Ciric            |
| Sheet 2 of 3   | Attorney Docket Number |                          | 60,246-258/10781 |

[illegible]

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |   |   |                |
|                          |                       | JP2003056907  | 2/26/2003                      | Denso   |   |                |
|                          |                       | JP2002310519  | 10/23/2002                     | Nishiyodo Kuchoki                               |   |                |
|                          |                       | JP2002310497  | 10/23/2002                     | Nishiyodo Kuchoki                               |   |                |
|                          |                       | JP58179764  | 10/21/1983                     | Matsushita                                      |   |                |
|                          |                       | EP0161338   | 11/21/1985                     | Kulmbacher                                      |   |                |
|                          |                       | JP2002195698  | 7/10/2002                      | Denso   |   |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

|                        |                  |
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| First Named Inventor   | Tobias Sienel    |
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| Examiner Name          | Ciric            |
| Attorney Docket Number | 60,246-258/10781 |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 3 | of | 3 |
|-------|---|----|---|

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|------------------|---|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |   |   |                |
|                    |                       | WO02/18854  | 3/7/2002         | Sinvent   |   |                |
|                    |                       | WO03/064935   | 1/27/2003        | Daikin  |   |                |
|                    |                       | WO 03/064942  | 1/27/2003        | Daikin  |   |                |
|                    |                       |   |                  |   |   |                |
|                    |                       |   |                  |   |   |                |
|                    |                       |   |                  |   |   |                |

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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